

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("4161393").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/04 14:33
L2	1	l1 and steam	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/04 14:44
L3	1	(ashok near2 rao and keith near2 strohler).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/04 14:55
S1	1	("20060236697").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 13:37
S2	3	("4863707") or ("3904389") or ("4476683")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 13:44
S3	1	(ashok near2 rao and keith near2 strohler).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 13:45
S4	28	(ashok near2 rao or keith near2 strohler).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 13:45
S5	2	(ashok near2 rao or keith near2 strohler).in. and (shift react\$4 or wgs)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 13:45
S6	31729	"48".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 13:47
S7	4123374	@ad< "20030113"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 13:48
S8	2	S6 and (shift react\$4 or wgs) near (first and second) and (shift or wgs) with (separat\$5 or split\$4) and (shift or wgs) with combin\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 13:51
S9	2	S6 and (first and second) (shift react\$4 or wgs)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 13:52
S10	29	(first and second) (shift react\$4 or wgs)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 13:53

S11	50	(first and second) (shift react\$4 or wgs or water gas shift)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 13:54
S12	267	(shift react\$4 or wgs or water gas shift) with ((split \$4 or separat\$4) and combin\$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 14:02
S13	1	(shift react\$4 or wgs or water gas shift) with ((split \$4 or separat\$4) and combin\$5) and (shift react \$4 or wgs or water gas shift) with "same temperature"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:03
S14	122	S12 and S7	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:04
S15	4	((shift react\$4 or wgs or water gas shift) with ((split \$4 or separat\$4) and combin\$5)).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:05
S16	2	(US-20060219403-\$).did. or (US-3919114-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/08/27 15:08
S17	2	S16 and (shift react\$4 or wgs or water gas shift)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:09
S18	23	(shift react\$4 or wgs or water gas shift) with ((split \$4 or separat\$4) and combin\$5 with effluent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:23
S19	27	(separat\$4 or split\$4) adj10 (water gas shift or shift react\$4 or wgs) same (water gas shift or shift react\$4 or wgs) adj10 combin\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:27
S20	393	shift reactors	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 15:37
S21	210	shift reactors and S7	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 15:37
S22	231	((first or second or two) (wgs or shift react\$4) or shift reactors) and S7	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 15:38
S23	243	((first or second or two) (wgs or shift react\$4 or water gas shift) or shift reactors) and S7	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 15:38

S24	10	((first or second or two) (wgs or shift react\$4 or water gas shift) or shift reactors) and (reduc\$5 steam or steam demand) and S7	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 15:41
S25	143	(first or second or two) (shift react\$4 or wgs or water gas shift)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:45
S26	1	(first or second or two) (shift react\$4 or wgs or water gas shift) and reduc\$5 steam demand	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:46
S27	5	(first or second or two) (shift react\$4 or wgs or water gas shift) and steam near demand	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:46
S28	93	(first or second or two) (shift react\$4 or wgs or water gas shift) not S11	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:49
S29	4	(US-20060219403-\$ or US-20070269690-\$ or US-20050022450-\$).did. or (US-3919114-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/08/27 15:57
S30	4	S29 and (shift react\$4 or wgs or water gas shift)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 15:58
S31	3	(first or second or two) (shift react\$4 or wgs or water gas shift)	FPRS; EPO; JPO	ADJ	ON	2008/08/27 16:45
S32	5	("3545926") or ("5152975") or ("4782096") or ("4999133").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 16:46
S33	17926	(first or second or two) (shift) not S11	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 16:47
S34	1352	(gasif\$7 or reform\$5 or partial oxidation) and (first or second or two) adj3 (shift) not S11	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 16:48
S35	314	(gasif\$7 or reform\$5 or partial oxidation) and (first or second or two) adj3 (gas shift or shift conver\$5) not S11	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 16:48

S36	222	(gasif\$7 or reform\$5 or partial oxidation) and (first or second or two) adj2 (gas shift or shift conver\$5) not S11	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 16:49
S37	49	(gasif\$7 or reform\$5 or partial oxidation) same (first or second or two) adj2 (gas shift or shift conver\$5) not S11	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 16:49
S38	30	(gasif\$7 or reform\$5 or partial oxidation) same (first or second or two) adj2 (gas shift or shift conver\$5) not S25	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 16:49
S39	122091	(gasif\$7 or reform\$5 or partial oxidation)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 16:56
S40	78	S39 and (first or second or two) (gas shift or shift conver\$5 or wgs or shift react\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 16:57
S41	1	("4161393").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 17:19
S42	0	S41 and acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 17:19
S43	14	("3010813"   "3061421"   "3540867"   "4031030"   "4061475"   "4065273"   "4082520").PN. OR ("4161393").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 17:20
S44	3	S43 and (shift react\$4 or wgs or water gas shift)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 17:20
S45	1	S1 and acid gas removal	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 18:37
S46	111	S7 and "48".clas. and acid gas removal	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 18:38
S47	31	S7 and "48".clas. and acid gas removal unit	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 18:39
S48	15	S7 and "48".clas. and acid gas removal unit same (wgs or shift)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 18:39

S49	601	(48/197fm or 60/645).ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 19:08
S50	1	(ashok near2 rao and keith near2 strohler).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/30 13:08

5/4/2009 2:56:53 PM

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